

FILE 'HOME' ENTERED AT 08:00:22 ON 02 APR 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 08:00:33 ON 02 APR 2007

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STRUCTURE FILE UPDATES: 1 APR 2007 HIGHEST RN 928822-97-3

DICTIONARY FILE UPDATES: 1 APR 2007 HIGHEST RN 928822-97-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> E "MTHPC"/CN 25

E1 1 MTHK-LIKE CALCIUM-GATED POTASSIUM CHANNEL (GRAMELLA FORSETII STRAIN KT0803)/CN

E2 1 MTHPBC/CN

E3 1 --> MTHPC/CN

E4 1 MTHSP75 (HUMAN CELL LINE HELA GENE MTHSP75)/CN

E5 2 MTI/CN

E6 1 MTI 334/CN

E7 1 MTI 446/CN

E8 1 MTI 500/CN

E9 1 MTI 501/CN

E10 1 MTI 732/CN

E11 1 MTI 790/CN

E12 1 MTI 800/CN

E13 1 MTI-II (MACROMOLECULAR-TRANSLOCATION INHIBITOR-II) (RAT LIVER)/CN

E14 1 MTIC/CN

E15 1 MTIF2 PROTEIN (HUMAN CLONE IMAGE:6150829 GENE MTIF2)/CN

E16 1 MTIF2 PROTEIN (HUMAN CLONE IMAGE:6153154 GENE MTIF2)/CN

E17 1 MTILON/CN

E18 1 MTILON T/CN

E19 1 MTILON V/CN

E20 1 MTK/CN

E21 1 MTKD 45/CN

E22 1 MTL/CN

E23 1 MTL (PASTEURELLA MULTOCIDA STRAIN IL1403 CLONE PM70 GENE MTL)/CN

E24 1 MTL 7881/CN

E25 1 MTL, POLYMER WITH

A-HYDRO- Ω -HYDROXYPOLY(OXY(METHYL-1,2-ETHANEDIYL))/CN

=> S E3

L1 1 MTHPC/CN

=> DIS L1 1 SQIDE

THE ESTIMATED COST FOR THIS REQUEST IS 6.55 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 122341-38-2 REGISTRY

CN Phenol, 3,3',3'',3'''-(7,8-dihydro-21H,23H-porphine-5,10,15,20-tetrayl)tetrakis- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3,3',3'',3'''-(7,8-Dihydroporphyrin-5,10,15,20-tetrayl)tetraphenol

CN 5,10,15,20-Tetra(m-hydroxyphenyl)chlorin

CN 5,10,15,20-Tetrakis(m-hydroxyphenyl)chlorin

CN 8-Dihydroporphyrin-5

CN EF 9

CN Foscan

CN Fosgel

CN mTHPC

CN Temoporfin

DR 851449-56-4

MF C44 H32 N4 O4

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CIN, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MRCK*, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: WHO

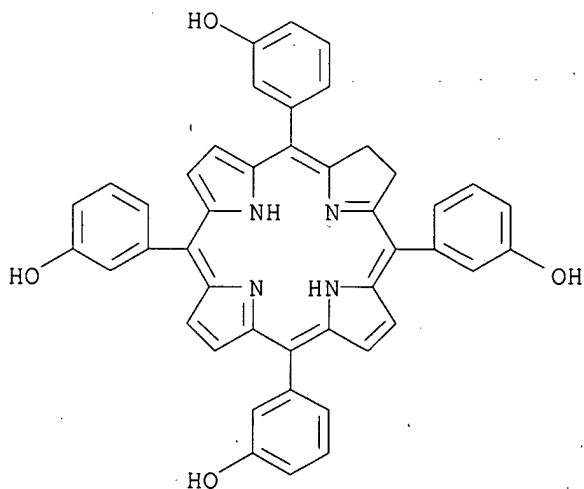
DT.CA Caplus document type: Conference; Dissertation; Journal; Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

307 REFERENCES IN FILE CA (1907 TO DATE)

21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
307 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
7.80	8.01

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 08:01:31 ON 02 APR 2007
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FILE COVERS 1907 - 2 Apr 2007 VOL 146 ISS 15
FILE LAST UPDATED: 1 Apr 2007 (20070401/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 11/thu
307 L1
873756 THU/RL
L2 229 L1/THU
(L1 (L) THU/RL)

=> s 11
L3 307 L1

=> s antibod?
L4 487442 ANTIBOD?

=> s 14 and 12
L5 12 L4 AND L2

=> s 15 not py>1999
7891507 PY>1999
L6 0 L5 NOT PY>1999

=> s 15 not py>2000
7004202 PY>2000
L7 0 L5 NOT PY>2000

=> s 13 and 14
L8 15 L3 AND L4

=> s 18 not py>2000
7004202 PY>2000
L9 2 L8 NOT PY>2000

=> d ibib 1-2

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:241777 CAPLUS <<LOGINID::20070402>>
DOCUMENT NUMBER: 131:41580
TITLE: Development of meta-tetrahydroxyphenylchlorin-
monoclonal antibody conjugates for
photoimmunotherapy
AUTHOR(S): Vrouwenraets, Maarten B.; Visser, Gerard W. M.;
Stewart, Fiona A.; Stigter, Marijke; Oppelaar, Hugo;
Postmus, Pieter E.; Snow, Gordon B.; van Dongen, Guus
A. M. S.
CORPORATE SOURCE: Departments of Otolaryngology/Head and Neck Surgery,
Free University Hospital, Amsterdam, 1081 HV, Neth.
SOURCE: Cancer Research (1999), 59(7), 1505-1513
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: AACR Subscription Office
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:370899 CAPLUS <<LOGINID::20070402>>
DOCUMENT NUMBER: 129:133195
TITLE: Selective accumulation of meso-
tetra(hydroxyphenyl)chlorin in steroid-synthesizing
cells of the rat adrenal gland
AUTHOR(S): Colombo-Benkmann, Mario; Muhm, Markus; Gahlen,
Johannes; Vry, Magnus-Sebastian; Deubzer, Hedwig;
Holloschi, Andreas; Hafner, Matthias; Heym, Christine;
Senninger, Norbert
CORPORATE SOURCE: Dept. of Surgery, Univ. of Heidelberg, Heidelberg,
69120, Germany
SOURCE: Proceedings of SPIE-The International Society for
Optical Engineering (1998), 3260(Optical
Investigations of Cells in Vitro and in Vivo), 136-140
CODEN: PSISDG; ISSN: 0277-786X
PUBLISHER: SPIE-The International Society for Optical Engineering
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib kwic 2

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:370899 CAPLUS <<LOGINID::20070402>>
DOCUMENT NUMBER: 129:133195
TITLE: Selective accumulation of meso-
tetra(hydroxyphenyl)chlorin in steroid-synthesizing
cells of the rat adrenal gland
AUTHOR(S): Colombo-Benkmann, Mario; Muhm, Markus; Gahlen,
Johannes; Vry, Magnus-Sebastian; Deubzer, Hedwig;
Holloschi, Andreas; Hafner, Matthias; Heym, Christine;
Senninger, Norbert
CORPORATE SOURCE: Dept. of Surgery, Univ. of Heidelberg, Heidelberg,
69120, Germany
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Investigations of Cells in Vitro and in Vivo), 136-140
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PUBLISHER: SPIE-The International Society for Optical Engineering
DOCUMENT TYPE: Journal

LANGUAGE: English
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB Rat adrenal glands fluoresce intensely after systemic application of meso-tetra(hydroxyphenyl)chlorin (m THPC). We investigated which parts of the adrenal gland accumulate mTHPC. Furthermore we examined the time course of adrenal mTHPC-accumulation. Ten male Wistar rats each were given 0.5 or 0.7 mg mTHPC kg⁻¹ i.v. Each two animals were perfused with normal saline and Zamboni fixative 6, 12, 24, 48 and 72 h after photosensitization. Untreated animals served as controls. Fluorescence was quantified on 20 µm frozen sections with CCD-camera and appropriate software. Immunohistochem. identified specific cell types with antibodies to steroid-synthesizing enzymes. The cortex exhibited an intense fluorescence, with weaker fluorescence of corticocytes in the zona glomerulosa compared to the other zones. Besides intensely fluorescing singly lying scattered cells, the medulla showed a faint mTHPC-induced fluorescence. Immunohistochem. revealed that intramedullary cells with intense fluorescence were corticocytes, showing a pos. reaction to the 21-β-hydroxylase antibody. Peak accumulation of mTHPC was always observed after 24 h. Our results indicate for the first time that only steroid synthesizing cells of the adrenal gland exhibit an intense photosensitizer-induced fluorescence. Thus mTHPC-application is an uncomplicated method to identify steroid-synthesizing cells, possibly also in other organs.

IT 122341-38-2, Phenol, 3,3',3'',3'''-(2,3-dihydro-21H,23H-porphine-5,10,15,20-tetrayl)tetrakis-
RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
(selective accumulation of meso-tetra(hydroxyphenyl)chlorin in steroid-synthesizing cells of rat adrenal gland)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	16.99	25.00
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

STN INTERNATIONAL LOGOFF AT 08:03:26 ON 02 APR 2007

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	4	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	5	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	6	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	7	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	8	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	9	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	10	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	11	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	12	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	13	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	14	JAN 29	PHAR reloaded with new search and display fields
NEWS	15	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	16	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	17	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	18	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	19	FEB 26	MEDLINE reloaded with enhancements
NEWS	20	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS	21	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	22	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	23	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS	24	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	25	MAR 16	CASREACT coverage extended
NEWS	26	MAR 20	MARPAT now updated daily
NEWS	27	MAR 22	LWPI reloaded
NEWS	28	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	29	MAR 30	INPADOCDB will replace INPADOC on STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

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